

### **ABSTRACT OF THE DISCLOSURE**

An electrolyte delivery apparatus that includes an electrolyte reservoir, a heating device and a pressure generator is provided. The electrolyte delivery apparatus is configured to supply electrolyte to a fuel cell, such as a molten carbonate fuel cell, or fuel cell stack, and, in certain examples, to an operating fuel cell or fuel cell stack. A fuel cell assembly including the electrolyte delivery apparatus and methods of using the electrolyte delivery apparatus are also provided.